

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
3A--COQUILLE SILT LOAM, 0 TO 1 PERCENT SLOPES	COQUILLE	Yes	Tidal flood plain	2B3,3	Yes	No	Yes	
	Organic soils	Yes	Tidal flood plain	2B3,3	Yes	No	Yes	
	Brenner	Yes	Flood plain	2B3,3	Yes	No	Yes	
	Nestucca	No	Flood plain					
4D--GINSBERG MEDIAL LOAM, 5 TO 30 PERCENT SLOPES	GINSBERG	No	Mountain slope					
	Hemcross	No	Mountain slope					
	Klistan	No	Mountain slope					
	Soils with bedrock at 20 to 40 inches	No	Mountain slope					
4E--GINSBERG-KLISTAN COMPLEX, 30 TO 60 PERCENT SLOPES	GINSBERG	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	Hemcross	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
5D--FERRELO LOAM, 5 TO 30 PERCENT SLOPES	FERRELO	No	Old dune on marine terrace					
	Horseprairie	No	Old dune on marine terrace					
	Depoe	Yes	Depressions on old marine terrace					
5E--FERRELO LOAM, 30 TO 60 PERCENT SLOPES	FERRELO	No	Old dune on marine terrace					
6D--HORSEPRAIRIE-FERRELO COMPLEX, 3 TO 20 PERCENT SLOPES	HORSEPRAIRIE	No	Old dune on marine terrace					
	FERRELO	No	Old dune on marine terrace					
	Depoe	Yes	Depressions on old marine terrace	2B3,3	Yes	No	Yes	
7--DUNELAND								
8A--DEPOE LOAM, 0 TO 3 PERCENT SLOPES	DEPOE	Yes	Depressions on old marine terrace	2B3,3	Yes	No	Yes	
	Soils that are somewhat poorly or moderately well drained	No	Nearly level to slightly convex areas on old marine terrace					
9B--WALDPORT FINE SAND, 0 TO 5 PERCENT SLOPES	WALDPORT	No	Recent dune					
	Heceta	Yes	Recent interdune swale	2B2,3	Yes	No	Yes	

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9D--WALDPORT FINE SAND, 5 TO 30 PERCENT SLOPES	WALDPORT	No	Recent dune					
10B--WALDPORT FINE SAND, THIN SURFACE, 0 TO 5 PERCENT SLOPES	WALDPORT, THIN SURFACE Heceta	No Yes	Recent dune Recent interdune swale	2B2,3	Yes	No	Yes	
10C--WALDPORT FINE SAND, THIN SURFACE, 3 TO 12 PERCENT SLOPES	WALDPORT, THIN SURFACE Heceta	No Yes	Recent dune Depressions or concave areas on Recent dune	2B2,3	Yes	No	Yes	
10E--WALDPORT FINE SAND, THIN SURFACE, 15 TO 50 PERCENT SLOPES	WALDPORT, THIN SURFACE	No	Recent dune					
10F--(SEE 43F)								
11B--NETARTS FINE SANDY LOAM, 0 TO 5 PERCENT SLOPES	NETARTS Soils that are somewhat poorly or moderately well drained Yaquina Heceta	No No Yes Yes	Old dune Nearly level to slightly concave areas on old dune Depressions on old dune Depressions on recent dune	2B3 2B2,3	Yes Yes	No No	No Yes	
11C--NETARTS FINE SANDY LOAM, 3 TO 12 PERCENT SLOPES	NETARTS Soils that are somewhat poorly to moderately well drained	No No	Old dune Nearly level to slightly concave areas on old dune					
11E--NETARTS FINE SANDY LOAM, 30 TO 60 PERCENT SLOPES	NETARTS Waldport	No No	Old dune Recent dune					
12B--YAQUINA LOAMY FINE SAND, 0 TO 5 PERCENT SLOPES	YAQUINA Soils that are somewhat poorly to	Yes No	Depressions on old dune Nearly level to slightly convex areas	2B3	Yes	No	No	

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	moderately well drained		on old dune					
13B--WALDPORT, THIN SURFACE-HECETA FINE SANDS, 0 TO 5 PERCENT SLOPES	WALDPORT, THIN SURFACE HECETA	No Yes	Recent dune Recent interdune swale	2B2,3	Yes	No	Yes	
14A--HECETA FINE SAND, 0 TO 3 PERCENT SLOPES	HECETA	Yes	Recent interdune swale	2B2,3	Yes	No	Yes	
15B--NETARTS-YAQUINA COMPLEX, 0 TO 5 PERCENT SLOPES	NETARTS YAQUINA	No Yes	Old dune Depressions on Old dune	2B3	Yes	No	No	
16E--(SEE 70E)								
16F--CATERL-LADERLY- MURTIP COM PLEX, 60 TO 90 PERCENT SLOPES	CATERL LADERLY MURTIP Soils with bedrock at less than 20 inches Rock Outcrop	No No No No No	Mountain slope Mountain slope Mountain slope Mountain slope					
17B--CHITWOOD-HEBO COMPLEX, 0 TO 5 PERCENT SLOPES	CHITWOOD HEBO	No Yes	Stream terrace Depressions on stream terrace	2B3,3	Yes	No	Yes	
18B--CHITWOOD SILT LOAM, 0 TO 7 PERCENT SLOPES	CHITWOOD Walluski Hebo Knappa	No No Yes No	Stream terrace & fans Stream terrace & fans Depressions on stream terrace & fans Stream terrace	2B3,3	Yes	No	Yes	
19E--KLOOTCHIE SILT LOAM, 30 TO 60 PERCENT SLOPES	KLOOTCHIE Mingpoint Necanicum Soils with bedrock	No No No No	Mountain slope, hillslope Mountain slope, hillslope Mountain slope, hillslope Mountain slope,					

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Draft Revised: 3/7/2000

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
	at 20 to 40 inches		hillslope					
20D--KLOOTCHIE- NECANICUM COMPLEX, 5 TO 30 PERCENT SLOPES	KLOOTCHIE	No	Mountain slope					
	NECANICUM		Mountain slope					
	Mingpoint	No	Mountain slope					
	Ascar		Mountain slope					
	Soils with soft bedrock at 20 to 40 inches	No	Mountain slope					
20E--KLOOTCHIE- NECANICUM COMPLEX, 30 TO 60 PERCENT SLOPES	KLOOTCHIE	No	Mountain slope					
	NECANICUM	No	Mountain slope					
	Ascar	No	Mountain slope					
	Mingpoint	No	Mountain slope					
	Soils with soft bedrock at 20 to 40 inches	No	Mountain slope					
21F--NECANICUM-ASCAR- KLOOTCHIE COMPLEX, 60 TO 90 PERCENT SLOPES	NECANICUM	No	Mountain slope					
	ASCAR	No	Mountain slope					
	KLOOTCHIE	No	Mountain slope					
	Soils with bedrock at less than 20 inches	No	Mountain slope					
	Rock Outcrop	No	Mountain slope					
22F--ASCAR-NECANICUM- ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	ASCAR	No	Mountain slope					
	NECANICUM	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Klootchie	No	Mountain slope					
	Soils with bedrock at less than 20 inches	No	Mountain slope					
23F--ROCK OUTCROP- FULVUDANDS COMPLEX, 40 TO 100 PERCENT SLOPES	ROCK OUTCROP	No	Mountain slope					
	FULVUDANDS	No	Mountain slope					
24C--MINGPOINT MEDIAL SILT LOAM, 3 TO 12 PERCENT SLOPES	MINGPOINT	No	Footslope/Toeslope??					
	Wet soils	Yes	Depressions on footslope/Toeslope	2B3,3	Yes	No	Yes	
	Musoncreek	No	Footslope/Toeslope					
24D--MINGPOINT MEDIAL	MINGPOINT	No	Mountain slope,					

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
SILT LOAM, 5 TO 30 PERCENT SLOPES	Kloutchie	No	hillslope Mountain slope,					
	Templeton	No	hillslope Mountain slope,					
	Ecola	No	hillslope Mountain slope,					
	Munsoncreek	No	hillslope Mountain slope,					
	Necanicum	No	hillslope Mountain slope,					
25E--MINGPOINT- NECANICUM COMPLEX, 30 TO 60 PERCENT SLOPES	MINGPOINT	No	Mountain slope,					
	NECANICUM	No	hillslope Mountain slope,					
	Kloutchie	No	hillslope Mountain slope,					
	Soils with soft bedrock at 20 to 40 inches	No	hillslope Mountain slope,					
26F--MINGPOINT- NECANICUM COMPLEX, 60 TO 90 PERCENT SLOPES	MINGPOINT	No	Mountain slope					
	NECANICUM	No	Mountain slope					
	Soils less than 40" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
29D--TEMPLETON- KLOOTCHIE COMPLEX, 5 TO 30 PERCENT SLOPES	TEMPLETON	No	Mountain slope,					
	KLOOTCHIE	No	hillslope Mountain slope,					
	Ecola	No	hillslope Mountain slope,					
	Necanicum	No	hillslope Mountain slope,					
29E--TEMPLETON- KLOOTCHIE COMPLEX, 30 TO 60 PERCENT SLOPES	TEMPLETON	No	Mountain slope,					
	KLOOTCHIE	No	hillslope Mountain slope,					
	Ecola	No	hillslope Mountain slope,					
	Necanicum	No	hillslope Mountain slope,					
30D--TEMPLETON MEDIAL	TEMPLETON	No	Mountain slope,					

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
SILT LOAM, 5 TO 30 PERCENT SLOPES	Mingpoint	No	hillslope					
		No	Mountain slope,					
	Ecola	No	hillslope					
		No	Mountain slope,					
			hillslope					
	Moderately well drained soils	No	Mountain slope,					
		No	hillslope					
	TEMPLETON	No	Mountain slope,					
			hillslope					
	ECOLA	No	Mountain slope,					
30E--TEMPLETON-ECOLA MEDIAL SILT LOAMS, 30 TO 60 PERCENT SLOPES			hillslope					
	Munsoncreek	No	Mountain slope,					
			hillslope					
	Soils >35 % rock	No	Mountain slope,					
30F--TEMPLETON-ECOLA MEDIAL SILT LOAMS, 60 TO 90 PERCENT SLOPES			hillslope					
	TEMPLETON	No	Mountain slope,					
			hillslope					
	ECOLA	No	Mountain slope,					
			hillslope					
	Soils <20" deep	No	Mountain slope,					
32D--MUNSONCREEK SILT LOAM, 5 TO 30 PERCENT SLOPES			hillslope					
	Rock Outcrop	No	Mountain slope,					
			hillslope					
	Soils >35% rock	No	Mountain slope,					
			hillslope					
	MUNSONCREEK	No	Mountain slope,					
32E--MUNSONCREEK- TEMPLETON COMPLEX, 30 TO 60 PERCENT			hillslope					
	Mingpoint	No	Mountain slope,					
			hillslope					
	Templeton	No	Mountain slope,					
			hillslope					
	Ecola	No	Mountain slope,					
			hillslope					
	Moderately well drained soils	No	Nearly level to slightly concave areas on mountain slope,					
			hillslope					
	Wet soils	Yes	Depressions on mountain slope,					
			hillslope					
	MUNSONCREEK	No	Mountain slope,					
			hillslope					
	TEMPLETON	No	Mountain slope,					

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
SLOPES	Ecola	No	hillslope Mountain slope,					
	Mingpoint	No	hillslope Mountain slope,					
	Moderately well drained soils	No	hillslope Nearly level to slightly concave areas on mountain slope,					
			hillslope					
34D--SVENSEN MEDIAL LOAM, 5 TO 30 PERCENT SLOPES	SVENSEN	No	Mountain slope,					
	Templeton	No	hillslope Mountain slope,					
			hillslope					
36D--(SEE 48D)								
36E--(SEE 48E)								
36F--(SEE 43F)								
43F--KLISTAN-HARSLOW-HEMCROSS COMPLEX, 60 TO 90 PERCENT SLOPES	KLISTAN	No	Mountain slope					
	HARSLOW	No	Mountain slope					
	HEMCROSS	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
44E--KLISTAN-HARSLOW-ROCK OUTCROP COMPLEX, 30 TO 60 PERCENT SLOPES	KLISTAN	No	Mountain slope					
	HARSLOW	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Hemcross	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
44F--HARSLOW-KLISTAN ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	HARSLOW	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Soils<20" deep	No	Mountain slope					
	Hemcross	No	Mountain slope					
45A--HEBO SILTY CLAY LOAM, 0 to 3 PERCENT SLOPES	HEBO	Yes	Stream terrace	2B3,3	Yes	No	Yes	
	Chitwood	No	Nearly level to slightly convex areas on stream terrace					
	Walluski	No	Slightly convex areas on stream terrace					
	Knappa	No	Convex areas on stream terrace					

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45E--(SEE 144E)								
45F--(SEE 144F)								
47D--(SEE 48D)								
47E--(SEE 48E)								
48D--HEMCROSS-KLISTAN COMPLEX, 5 TO 30 PERCENT SLOPES	HEMCROSS	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	Ginsberg	No	Mountain slope					
	Harslow	No	Mountain slope					
	Soils <40" deep and <35 percent rock	No	Mountain slope					
48E--HEMCROSS-KLISTAN COMPLEX, 30 TO 60 PERCENT SLOPES	HEMCROSS	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	Harslow	No	Mountain slope					
	Ginsberg	No	Mountain slope					
	Soils <40" deep and <35 percent rock	No	Mountain slope					
49D--(SEE 4D)								
50B--WALLUSKI SILT LOAM, 0 TO 7 PERCENT SLOPES	WALLUSKI	No	Stream terrace					
	Knappa	No	Stream terrace					
	Chitwood	No	Stream terrace					
	Hebo	Yes	Depressions on stream terrace	2B3,3	Yes	No	Yes	
58B--KNAPPA SILT LOAM, LOAMY SUBSTRATUM, 0 TO 7 PERCENT SLOPES	KNAPPA, LOAMY SUBSTRATUM	No	Stream terrace					
	Chitwood	No	Stream terrace					
	Hebo	Yes	Depressions on stream terrace	2B3,3	Yes	No	Yes	
	Soils with >35% rock at >20"	No	Stream terrace					
59B--CHITWOOD-KNAPPA SILT LOAMS, 0 TO 7 PERCENT SLOPES	CHITWOOD	No	Terraces					
	KNAPPA	No	Terraces					
	Hebo	Yes	Depressions on Terraces	2B3,3	Yes	No	Yes	
60E--CATERL-LADERLY- ROCK OUTCROP COMPLEX, 30 TO 60	CATERL	No	Mountain slope					
	LADERLY	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					

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Draft Revised: 3/7/2000

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PERCENT SLOPES	Soils <20" deep	No	Mountain slope					
	Murtip	No	Mountain slope					
60F--LADERLY-CATERL-	LADERLY	No	Mountain slope					
ROCK OUTCROP	CATERL	No	Mountain slope					
COMPLEX, 60 TO 90	ROCK OUTCROP	No	Mountain slope					
PERCENT SLOPES	Soils <20" deep	No	Mountain slope					
	Murtip	No	Mountain slope					
61D--(SEE 70D)								
61F--LADERLY-ROCK	LADERLY	No	Mountain slope					
OUTCROP-CATERL	ROCK OUTCROP	No	Mountain slope					
COMPLEX, 60 TO 90	CATERL	No	Mountain slope					
PERCENT SOUTH	Soils <20" deep	No	Mountain slope					
SLOPES	Murtip	No	Mountain slope					
62F--ROCK OUTCROP-	ROCK OUTCROP	No	Mountain slope					
HAPLUDANDS	HAPLUDANDS	No	Mountain slope					
COMPLEX, 40 TO 100	Talus	No	Mountain slope					
PERCENT SLOPES								
63F--FULVUDANDS-	FULVUDANDS	No	Mountain slope					
ROCK OUTCROP	ROCK OUTCROP	No	Mountain slope					
COMPLEX, WARM, 40								
TO 70 PERCENT								
SLOPES								
70D--MURTIP-CATERL-	MURTIP	No	Mountain slope					
LADERLY COMPLEX,	CATERL	No	Mountain slope					
5 TO 30 PERCENT	LADERLY	No	Mountain slope					
SLOPES	McMille	No	Mountain slope					
	Mutt	No	Mountain slope					
70E--MURTIP-CATERL-	MURTIP	No	Mountain slope					
LADERLY COMPLEX,	CATERL	No	Mountain slope					
30 TO 60 PERCENT	LADERLY	No	Mountain slope					
SLOPES	McMille	No	Mountain slope					
	Mutt	No	Mountain slope					
71D--MCMILLE-MUTT	MCMILLE	No	Mountain slope					
MEDIAL SILT LOAMS,	MUTT	No	Mountain slope					
PERCENT SLOPES	Murtip	No	Mountain slope					
	Caterl	No	Mountain slope					
	Laderly	No	Mountain slope					
71E--(SEE 70E)								

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Draft Revised: 3/7/2000

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72D--CATERL-MURTIP COMPLEX, CLAYEY SUBSTRATUM, 5 TO 30 PERCENT SLOPES	CATERL, CLAYEY SUBSTRATUM	No	Mountain slope					
	MURTIP, CLAYEY SUBSTRATUM	No	Mountain slope					
	Caterl	No	Mountain slope					
	Murtip	No	Mountain slope					
73A--NEHALEM SILT LOAM, 0 TO 3 PERCENT SLOPES, FREQUENTLY FLOODED	NEHALEM, FREQ FLD	No	Flood plain					
	Nehalem	No	Flood plain					
	Nehalem, mwdr	No	Nearly level to slightly concave areas on flood plain					
	Nestucca	No	Nearly level to slightly concave areas on flood plain					
	Brenner	Yes	Depression on flood plain	2B3, 3	Yes	No	Yes	
	Yachats	No	Low flood plain					
74A--NEHALEM SILT LOAM, 0 TO 3 PERCENT SLOPES	NEHALEM	No	Flood plain					
	Nehalem, freq fld	No	Flood plain					
	Nehalem, mwdr	No	Flood plain					
	Nestucca	No	Nearly level to slightly concave areas on flood plain					
	Brenner	Yes	Depressions on flood plain	2B3,3	Yes	No	Yes	
	Yachats	No	Low flood plain					
	Logsdon	No	High flood plain					
75A--(SEE 73A)								
81B--QUILLAMOOK COMPLEX, 0 TO 7 PERCENT SLOPES	QUILLAMOOK, GRAVELLY SUBSTRATUM	No	Stream terrace					
	QUILLAMOOK	No	Stream terrace					
	Ginger	No	Nearly level to slightly concave areas on stream terrace					
	Hebo	Yes	Depressions on stream terrace	2B3,3	Yes	No	Yes	
	Moderately well drained soils	No	Nearly level to slightly concave areas on stream terrace					
	Brenner	Yes	Narrow flood plain on stream terrace	2B3,3	Yes	No	Yes	

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87D--(SEE 4D)								
87E--(SEE 4E)								
92D--(SEE 356D)								
103A--COQUILLE SILT LOAM, 0 TO 1 PERCENT SLOPES, DIKED	COQUILLE, DIKED	Yes	Tidal flood plain	2B3,3	Yes	No	Yes	
	Organic soils	Yes	Tidal flood plain	2B3,3	Yes	No	Yes	
	Nestucca	No	Convex areas on along stream channel					
	Poorly drained soils	Yes	Slightly convex areas on tidal floodplain	2B3,3	Yes	No	Yes	
117C--HUMAQUEPTS, COLD, 3 TO 12 PERCENT SLOPES	HUMAQUEPTS, COLD	Yes	Depressions on mountain slope	2B3,3	Yes	No	Yes	
	HUMAQUEPTS, COLD	No	Nearly level to slightly convex areas on mountain slope					
	Aquepts	Yes	Depressions along drainage on mountain slope	2B3,3	Yes	No	Yes	
	Moderately well to well drained soils	No	Convex areas on mountain slope					
118B--ALIC HAPLUDANDS COMPLEX, 0 TO 7 PERCENT SLOPES	ALIC HAPLUDANDS FLOODED	No	Flood plain					
	ALIC HAPLUDANDS	No	Stream terrace					
	Wet soils	Yes	Depressions on flood plain	2B2,2B3,3	Yes	No	Yes	
	Wet soils	Yes	Depressions on terrace	2B3,3	Yes	No	No	
119B--TYPIC FULVUDANDS COMPLEX, 0 TO 7 PERCENT SLOPES	Riverwash	Yes	Flood plain	2B2,4	Yes	Yes	No	
	TYPIC FULVUDANDS, FLOODED	No	Flood plain					
	TYPIC FULVUDANDS, Wet soils	No	Stream terrace					
	Wet soils	Yes	Depressions on flood plain	2B2,2B3,3	Yes	No	Yes	
144E--HARSLOW-KLISTAN-ROCK OUTCROP	Wet soils	Yes	Depressions on terrace	2B3,3	Yes	No	No	
	Riverwash	Yes	Flood plain	2B2,4	Yes	Yes	no	
	HARSLOW	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					

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COMPLEX, 30 TO 60 PERCENT SLOPES	Hemcross	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
144F--HARSLOW- KLISTAN-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SOUTH SLOPES	HARSLOW	No	Mountain slope					
	KLISTAN	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Talus	No	Mountain slope					
145F--ROCK OUTCROP- HAPLUDANDS COMPLEX, 40 TO 100 PERCENT SLOPES	ROCK OUTCROP	No	Mountain slope					
	HAPLUDANDS	No	Mountain slope					
	Talus	No	Mountain slope					
156F--SEVENCEDARS- NEWANNA COMPLEX, 60 TO 90 PERCENT SLOPES	SEVENCEDARS	No	Mountain slope					
	NEWANNA	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
157D--CATERL VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM, 5 TO 30 PERCENT SLOPES	CATERL, TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and Boulders on surface	No	Mountain slope					
	Murtip	No	Mountain slope					
157E--CATERL VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM, 30 TO 60 PERCENT SLOPES	CATERL, TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and Boulders on surface	No	Mountain slope					
	Laderly	No	Mountain slope					
	Murtip	No	Mountain slope					
157F--CATERL VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM 60 TO 90 PERCENT SLOPES	CATERL, TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and Boulders on surface	No	Mountain slope					

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Draft Revised: 3/7/2000

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
158D--SEVENCEDARS VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM, 5 TO 30 PERCENT SLOPES	Laderly	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
	SEVENCEDARS, TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and Boulders on surface	No	Mountain slope					
	Newanna	No	Mountain slope					
	Woodspoint	No	Mountain slope					
	SEVENCEDARS, TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
158E--SEVENCEDARS VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM, 30 TO 60 PERCENT SLOPES	Soils with stones and boulders on surface	No	Mountain slope					
	Newanna	No	Mountain slope					
	Woodspoint	No	Mountain slope					
	SEVENCEDARS TILL SUBSTRATUM	No	Mountain slope					
	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and boulders on surface	No	Mountain slope					
	Newanna	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
	SEVENCEDARS TILL SUBSTRATUM	No	Mountain slope					
158F--SEVENCEDARS VERY COBBLY MEDIAL LOAM, TILL SUBSTRATUM, 60 TO 90 PERCENT SLOPES	Soils with cemented layer at 40 to 60"	No	Mountain slope					
	Soils with stones and boulders on surface	No	Mountain slope					
	Newanna	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
	Rock outcrop	No	Mountain slope					
	SEVENCEDARS, CLAYEY	No	Mountain slope					
	Woodspoint	No	Mountain slope					
	Newanna	No	Mountain slope					
	Soils with stones and boulders on surface	No	Mountain slope					
	SEVENCEDARS, CLAYEY	No	Mountain slope					
159D--SEVENCEDARS VERY COBBLY MEDIAL LOAM, CLAYEY, 5 TO 30 PERCENT SLOPES	Woodspoint	No	Mountain slope					
	Newanna	No	Mountain slope					
	Soils with stones and boulders on surface	No	Mountain slope					
	SEVENCEDARS, CLAYEY	No	Mountain slope					
160F--ROCK OUTCROP- NEWANNA- SEVENCEDARS COMPLEX, 70 TO	ROCK OUTCROP	No	Mountain slope					
	NEWANNA	No	Mountain slope					
	SEVENCEDARS	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
100 PERCENT SLOPES								
161D--SEVENCEDARS- NEWANNA- WOODSPOINT COMPLEX, 5 TO 30 PERCENT SLOPES	SEVENCEDARS NEWANNA WOODSPOINT Soils <40" deep and <35% rock Rock outcrop	No No No No No	Mountain slope Mountain slope Mountain slope Mountain slope Mountain slope					
161E--SEVENCEDARS- NEWANNA- WOODSPOINT COMPLEX, 30 TO 60 PERCENT SLOPES	SEVENCEDARS NEWANNA WOODSPOINT Soils <40" deep and <35% rock	No No No No	Mountain slope Mountain slope Mountain slope Mountain slope					
161F--NEWANNA- SEVENCEDARS- ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	NEWANNA SEVENCEDARS ROCK OUTCROP Woodspoint Soils <20" deep Soils with stones and boulders on surface	No No No No No No	Mountain slope Mountain slope Mountain slope Mountain slope Mountain slope Mountain slope					
162D--MOSSCREEK- FAWCETER COMPLEX, 5 TO 30	MOSSCREEK FAWCETER Killam	No No No	Mountain slope Mountain slope Mountain slope					
162E--MOSSCREEK- FAWCETER COMPLEX, 30 TO 60 PERCENT SLOPES	MOSSCREEK FAWCETER Killam	No No No	Mountain slope Mountain slope Mountain slope					
163F--FAWCETER- KILLAM- MOSSCREEK COMPLEX, 60 TO 90 PERCENT SLOPES	FAWCETER KILLAM MOSSCREEK Soils<20" deep Rock outcrop	No No No No No	Mountain slope Mountain slope Mountain slope Mountain slope Mountain slope					
164F--KILLAM-FAWCETER- MOSSCREEK COMPLEX, 60 TO 90 PERCENT SLOPES	KILLAM FAWCETER MOSSCREEK Soils <20" deep Rock Outcrop	No No No No No	Mountain slope Mountain slope Mountain slope Mountain slope Mountain slope					
166F--ROCK OUTCROP-	ROCK OUTCROP	No	Mountain slope					

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
FULVUDANDS COMPLEX, COOL, 40 TO 100 PERCENT SLOPES	FULVUDANDS, COOL	No	Mountain slope					
170A--LOGSDEN SILT LOAM, 0 to 3 PERCENT SLOPES	LOGSDEN Wet soils	No Yes	High flood plain Depressions on high flood plain	2B3	Yes	No	No	
	Nehalem	No	Flood plain					
	Nestucca	No	Flood plain					
171B--(SEE 59B)								
303F--ASCAR-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	ASCAR ROCK OUTCROP Necanicum Soils <20" deep	No No No No	Mountain slope Mountain slope Mountain slope Mountain slope					
307F--BRAUN-SCAPONIA SILT LOAMS, 60 TO 90 PERCENT SLOPES	BRAUN SCAPONIA Soils <20" deep	No No No	Mountain slope Mountain slope Mountain slope					
309D--CATERL-LADERLY COMPLEX, 3 TO 30 PERCENT SLOPES	CATERL LADERLY Murtip	No No No	Mountain slope Mountain slope Mountain slope					
309E--CATERL-LADERLY COMPLEX, 30 TO 60 PERCENT SLOPES	CATERL LADERLY Murtip	No No No	Mountain slope Mountain slope Mountain slope					
314A--CROQUIB MEDIAL SILT LOAM, 0 TO 3 PERCENT SLOPES	CROQUIB Mues	Yes No	Depressions on stream terrace Convex areas on stream terrace	2B3, 3	Yes	No	Yes	
322F--HARSLOW-KILCHIS VERY GRAVELLY MEDIAL LOAMS 60 TO 90 PERCENT SLOPES	HARSLOW KILCHIS Klistan Rock outcrop	No No No No	Mountain slope Mountain slope Mountain slope Mountain slope					
328--DYSTRUDEPTS-HUMAQUEPTS COMPLEX, 0 TO 20	DYSTRUDEPTS HUMAQUEPTS HUMAQUEPTS	No No Yes	Stream terrace and fans Stream terrace and fans Depressions on stream terrace and fans	2B3	Yes	No	Yes	

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
329F--KILCHIS-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	KILCHIS	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Harslow	No	Mountain slope					
	Klistan	No	Mountain slope					
333E--(See 20E)								
338F--LADERLY-ROCK OUTCROP COMPLEX, 60 TO 90 PERCENT SLOPES	LADERLY	No	Mountain slope					
	ROCK OUTCROP	No	Mountain slope					
	Caterl	No	Mountain slope					
	Soils <20" deep	No	Mountain slope					
342D--MCMILLE MEDIAL SILT LOAM, 0 TO 3 PERCENT SLOPES	MCMILLE	No	Mountain slope					
	Murtip	No	Mountain slope					
	Caterl	No	Mountain slope					
345A--MUES MEDIAL SILT LOAM, 0 TO 3 PERCENT SLOPES	MUES	No	Stream terrace	2B3,3	Yes	No	Yes	
	Croquib	Yes	Depressions on stream terrace					
346D--MURTIP MEDIAL LOAM, 0 TO 3 PERCENT SLOPES	MURTIP	No	Mountain slope					
	CATERL	No	Mountain slope					
	Laderly	No	Mountain slope					
347E--MURTIP-CATERL COMPLEX, 30 TO 60 PERCENT SLOPES	MURTIP	No	Mountain slope					
	CATERL	No	Mountain slope					
	Laderly	No	Mountain slope					
350E--NECANICUM-ASCAR COMPLEX, 30 TO 60 PERCENT SLOPES	NECANICUM	No	Mountain slope					
	ASCAR	No	Mountain slope					
	Kloutchie	No	Mountain slope					
356D--RINEARSON SILT LOAM, 3 TO 30 PERCENT SLOPES	RINEARSON	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
357E--SCAPONIA-BRAUN SILT LOAMS, 30 TO 60 PERCENT SLOPES	SCAPONIA	No	Mountain slope					
	BRAUN	No	Mountain slope					
	Soils >35% clay	No	Mountain slope					
358D--SKIPANON GRAVELLY MEDIAL SILT LOAM, 0 TO 30 PERCENT SLOPES	SKIPANON	No	Mountain slope, old landslide					
	Kloutchie	No	Mountain slope, old landslide					
	Necanicum	No	Mountain slope, old landslide					

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

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358E--SKIPANON GRAVELLY MEDIAL SILT LOAM, 30 TO 60 PERCENT SLOPES	Templeton	No	Mountain slope, old landslide					
	Wet soils	Yes	Depressions on mountain slope, old landslide					
	SKIPANON	No	Mountain slope, old landslide					
	Kloutchie	No	Mountain slope, old landslide					
	Necanicum	No	Mountain slope, old landslide					
	Templeton	No	Mountain slope, old landslide					
	Ecola	No	Mountain slope, old landslide					
359E--SVENSEN MEDIAL LOAM, 30 TO 60 PERCENT SLOPES	SVENSEN	No	Mountain slope, hillslope					
	Templeton	No	Mountain slope, hillslope					
	Ecola	No	Mountain slope, hillslope					
361E--(See 30E)				2B3,3	Yes	No	Yes	
363D--TOLKE MEDIAL SILT LOAM, 3 TO 30 PERCENT SLOPES	TOLKE	No	Mountain slope					
	Scaponia	No	Mountain slope					
	Braun	No	Mountain slope					
	Soils >35% rock	No	Mountain slope					
371C--WALLUSKI SILT LOAM, 7 TO 15 PERCENT SLOPES	WALLUSKI	No	Stream terrace					
	Knappa	No	Stream terrace					
	Hebo	Yes	Depressions on Stream terrace					
403D--ASTORIA MEDIAL SILT LOAM, 5 TO 30 PERCENT SLOPES	ASTORIA	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
	Hembre	No	Mountain slope					
	Klickitat	No	Mountain slope					
	Tolke	No	Mountain slope					
403E--ASTORIA MEDIAL SILT LOAM, 30 TO 60 PERCENT SLOPES	ASTORIA	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
	Hembre	No	Mountain slope					
	Klickitat	No	Mountain slope					
	Tolke	No	Mountain slope					

Hydric Soils List
Tillamook County, Oregon: Detailed Soil Map Legend
Draft Revised: 3/7/2000

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
425E--KLICKITAT STONY LOAM, 30 TO 60 PERCENT SLOPES	KLICKITAT	No	Mountain slope					
	Hembre	No	Mountain slope					
	Astoria	No	Mountain slope					
	Tolke	No	Mountain slope					
	Kilchis	No	Mountain slope					
433D--MELBY SILT LOAM, 2 TO 30 PERCENT SLOPES	MELBY	No	Mountain slope					
	Tolke	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
433E--MELBY SILT LOAM, 30 TO 60 PERCENT SLOPES	MELBY	No	Mountain slope					
	Tolke	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					
439D--(See 363D)								
439E--TOLKE SILT LOAM, 30 TO 60 PERCENT SLOPES	TOLKE	No	Mountain slope					
	Hembre	No	Mountain slope					
	Melby	No	Mountain slope					
	Soils 20 to 40" deep	No	Mountain slope					